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Catherine A. SAUVE	(Depositor's name)
<i>Catherine A. Sauve</i>	(Signature)
April 5, 2005	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/604,716	08/12/2003	James P. Ebling	5701-00298	1715

TITLE OF INVENTION: MULTI-BEAM ANTENNA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	04/05/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
A, MINH D	2821	343-91100L

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☒ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Raggio & Dinnin, P.C.2 \_\_\_\_\_  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Automotive Systems Laboratory, Inc. Farmington Hills, MI

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 10 copies

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☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 04-113 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Kurt L. VanVoorhiesDate April 5, 2005Typed or printed name Kurt L. VanVoorhiesRegistration No. 38,643

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

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**TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)**  
**(37 C.F.R. 1.311)**

Docket No.  
**5701.00298**

Applicant(s): James P. Ebling et al.

Application No. <b>10/604,716</b>	Filing Date <b>8/12/03</b>	Examiner <b>A Minh D.</b>	Customer No. <b>26659</b>	Group Art Unit <b>2821</b>	Confirmation No. <b>1715</b>
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Invention: **MULTI-BEAM ANTENNA**




**Mail Stop Issue Fee**  
**COMMISSIONER FOR PATENTS**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Transmitted herewith are the following for the above-identified application.

- ☒ Issue Fee Transmittal Form PTOL-85
- ☒ Utility Fee: \$ 1400.00      ☐ Design Fee: \_\_\_\_\_      ☐ Plant Fee: \_\_\_\_\_
- ☒ Publication Fee: \$ 300.00
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- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **04-1131** as described below.
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\_\_\_\_\_  
Signature

Dated: **APRIL 5, 2005**

**Kurt L. VanVoorhies (Reg. No. 38,643)**  
**Raggio & Dinnin, P.C.**  
**2701 Cambridge Ct.**  
**Suite 410**  
**Auburn Hills, MI 48326**

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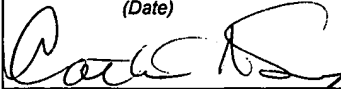
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Signature of Person Mailing Correspondence

**Catherine A. Sauve**

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